

In the Claims:

Please amend claims 31-34 as follows:

Claims 1-30 (Canceled)

31. (Currently amended) An isolated mammalian adipose tissue-derived stromal cell that exhibits at least one characteristic of a non-adipocyte cell lineage.

32. (Currently amended) An isolated mammalian adipose tissue-derived stromal cell in combination with a substance that promotes differentiation.

33. (Currently amended) The ~~cell~~substance of claim 32, wherein said substance that promotes differentiation is selected from the group consisting of ascorbic acid, ascorbic 2-phosphate, bone morphogenetic proteins, ~~[[or]]~~ β -glycerophosphate, or any combinations thereof.

34. (Currently amended) A cell isolated from mammalian adipose tissue, wherein said cell ~~that~~ is adherent and has been induced to express at least one characteristic of a non-adipocyte cell lineage.